

## Reaction of N-Phosphoryl(thio)amides with Stannic Chloride

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### Abstract

N-Dialkoxyposphinoylamides react with  $\text{SnCl}_4$  without rupture of the NH bonds to form stable 1:1 complexes. Replacement of one or both oxygen atoms in the  $\text{P}=\text{O}$  and  $\text{C}=\text{O}$  groups of these compounds by a sulfur atom changes the composition of the complexes and may result in an ionic mechanism of complexation. Nonacylated amidophosphate and thioamidophosphate form 2:1 and 1:1 complexes, respectively.

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